M800, M800iD Plus™, M1000 and M3000

Manager's Manual

COOPER Security

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Preface

Introduction

About your Alarm System

Your intruder alarm system uses state-of-the-art electronics to provide comprehensive and flexible protection for domestic or commercial premises. The system comprises several components, such as keypads and sensors, linked to a control unit, which is concealed from view but accessible for maintenance.

About this Manual

This manual describes the functions available from the two user menus. The manual is intended to be used by people who are responsible for carrying out tasks such as adding new user codes, viewing logged messages and omitting zones from the setting procedure.

Other Manuals

Please refer to the *User's Guide* for details of how to set, unset and reset your alarm system.

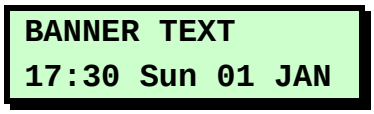
The *Engineering Manual* (available only to installation engineers) describes how to set up the system.

Making Changes

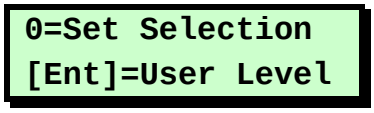
To ensure problem-free operation, discuss the system with your alarm company before making significant changes. It is good practice to maintain a paper record of how the system is set up, using the record sheets at the back of this manual.

Accessing the User Menus

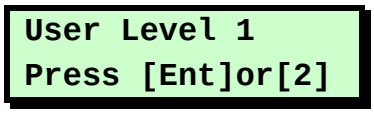
To access the user menus:



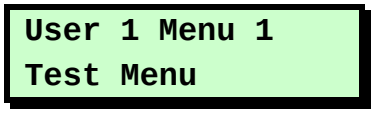
1. Enter your user code or present your proximity tag.



2. Press [ENT].



3. Press [ENT] if you want to enter User Menu 1. If you want to enter User Menu 2, press [↑], [↓] or [2] until "User Level 2" is displayed, then press [ENT].



The first option in the selected menu is displayed. The example shown opposite is the first option in User Menu 1.

☞ Access to options depends on user type (page 19).

Selecting Options

You can select options in two ways:

1. Press [↑] and [↓] until the required option is displayed, then [ENT].

2. Press a numeric "hot" key ([0] to [9]), e.g. press [2] to display Omit Zones, then [ENT] to select the option.

Exiting from the User Menus

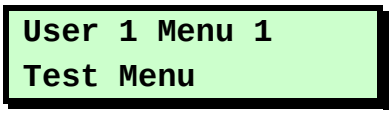
To return the system to its normal operating state, press [ESC] to step back through the menus until the time and date are displayed.

Options in User Menu 1

Option 1-1: Performing Bell and Walk Tests

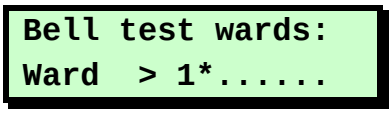
Option 1-1-1: Testing the Bell

This option enables you to test the internal sounder, strobe and external sounder.



1. Press ENT to select this option.

2. Press ENT to select **Bell Test**.



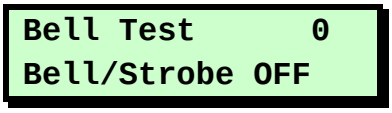
3. Use the numeric keys to select the wards to test, then press ENT. Any ward numbers shown will be tested. (A "*" indicates that the ward will not be tested, and "." Indicates that you have no access to the ward.)

4. The external sounder should activate. Press ENT to carry out the next test.

5. The external sounder and strobe should be active. Press ENT to carry out the next test.

6. Only the strobe should be active. Press ENT to carry out the next test.

7. The internal sounder should activate. Press ENT to carry out the next test.



8. The sounders and strobe should switch off. Press ENT to repeat the tests, or ESC to exit.

Option 1-1-2: Performing a Walk Test

This option enables you to check that zones are operating correctly. You can test only those wards that you have access to.

Each zone tested is added (once) to the event log, which you can review using User option 2-9 (page 31).

```
User 1 Menu 1
Test Menu
```

1. Press ENT to select this option.

```
Test Menu       2
Walk Test
```

2. Use ↑ or ↓, or press 2 to select **Walk Test**, then press ENT.

```
Walk test wards:
Ward > 1*......
```

3. Use the numeric keys to select the wards to test, then press ENT. Any ward numbers shown will be tested. (A "*" indicates that the ward will not be tested, and "." Indicates that you have no access to the ward.

```
ESC To Stop Test
& View Zones
```

4. Walk through your wards and operate all detection devices.

```
0003 Active
```

   As you activate each zone, the internal sounders will emit a chime tone and the display will identify the activated zone.

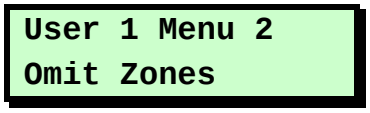
5. When you have finished the test, press ESC.

Option 1-2: Omitting Zones

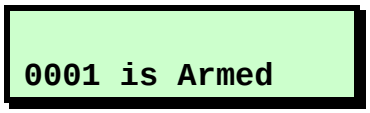
Sometimes you may need to omit zones when you set your wards, e.g. if a zone is to remain occupied while the rest of the ward is set. This option enables you to select which zones to omit.

☞ When the system is unset, any selections made here are cleared. This prevents zones from being omitted inadvertently.

☞ You can omit only zones that have been set up as omittable (Engineer option 1-1).



1. Press ENT to select this option.



2. Select the zone to omit by using ⬆ or ⬇, or by entering the four-digit zone number. Refer to page 41 for details of zone numbering.

3. Press ( ) to change the omit status of the zone ("Omitted" indicates that the zone will be omitted).

4. Press ENT to view the next zone, or ESC to exit.

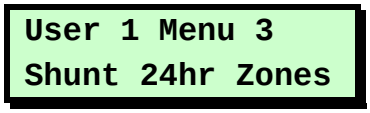
Option 1-3: Shunting 24hr Zones

This option enables you to shunt (disable) all zones in selected wards that have been set up as shuntable in Engineer option 1-1. Shunting disables a zone and the shuntable attribute identifies whether this is permissible.

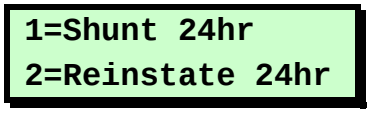
☞ This is normally used for 24-hour zones but can be applied to other zone types.

☞ Zones remain shunted until you use the Reinstate 24hr option (see below).

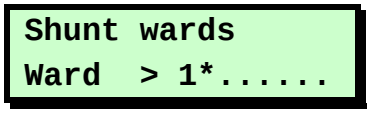
☞ Reinstating zones may start the exit timer, depending on whether Unshunt, No Exit or Unshunt & Exit is selected (Engineer option 1-9-1).



1. Press ENT to select this option.



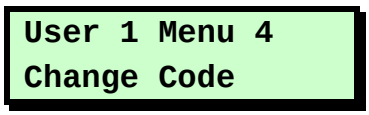
2. Press 1 to shunt zones or 2 to reinstate zones that have been previously shunted.



3. Use the numeric keys to select the wards to shunt/reinstate, then press ENT. Any ward numbers shown will be shunted/reinstated. (A "*" indicates that the ward will not be shunted/reinstated, and "." Indicates that you have no access to the ward.)

Option 1-4: Changing your User Code

This option enables you to change your own user code. To make changes for other users, refer to page 19.



1. Press ENT to select this option.

2. Enter your new code,
   e.g. press 5 6 7 8, then ENT.

☞ If your new code is not accepted, the display shows "NOT ACCEPTED try a different code". This usually means that the code is already in use. Press C enter the code again.

Option 1-5: Enabling Chimes

This option enables you to select which of your wards (if any) use the chime feature. In a ward with this feature enabled, zones that have a Chime Tone attribute (User option 2-5) and are in a selected ward will generate a chime tone when activated. The wards then remain chime-enabled until you deselect them with this option.

A zone may generate a single, double or triple chime, depending on the Chime Tone attribute selected in User option 2-5.

The chime occurs only at keypads and extension loudspeakers assigned to the same ward(s) as the zone.

When a chime occurs, keypads display the zone number if configured by the Chime Visible setting in Engineer option 1-9-1.

```
User 1 Menu 5
Enable Chime
```

1. Press ENT to select this option.

```
Chime on wards:
Ward > 1*......
```

2. Use the numeric keys to select the wards you want to have chime enabled, then press ENT. Any ward numbers shown will be chime enabled. (A "*" indicates that the ward will not be chime enabled, and "." Indicates that you have no access to the ward.)

Option 1-6: Setting the Speaker Volume

This option enables you to adjust the volume level of the extension loudspeaker connected to the control unit.

```
User 1 Menu 6
Volume Control
```

1. Press ENT to select this option and display the current setting.

```
Volume Control
>>>>>>> (MAX)
```

2. Press ↑ and ↓, or enter a value (0 to 7), to adjust the volume, from 'Sound Off' up to maximum.

3. Press ENT to accept the displayed value or ESC to exit without change.

Option 1-7: Customising Text

This option enables you to edit the following text strings:

Banner Text This message is shown on the top line of the display when the system is unset.

Group Names These are the names of the ward groups (see page 30). The names are displayed when setting ward groups (see the *User's Guide*).

```
User 1 Menu 7
Customise Text
```

1. Press ENT to select this option.

```
Custom Text    1
Banner Text
```

2. Use ⬆ or ⬇, or press a hot key (1 or 2), to select the text string to edit, then press ENT.

```
Viewing Group  1
```

3. If you have chosen to edit group names, use ⬆ or ⬇, or press a hot key to select the group name to edit, then press ENT.

```
^iewing Group  1
```

4. Use the text editing keys (page 40) to change the text if required. Press ENT to accept the displayed text or ESC to exit without change.

Option 1-8: Setting Up Silent Set Wards

This option enables you to select which of your wards (if any) set silently, without emitting an exit tone, when the system is set normally. The wards remain enables for silent setting until you deselect them in this option.

☞ Pressing 8 when the display shows "0=SET WARDS" can set all your wards silently, irrespective of their setting here.

```
User 1 Menu 8
Silent Set Wards
```

1. Press ENT to select this option.

```
Silent set wards
Ward > **......
```

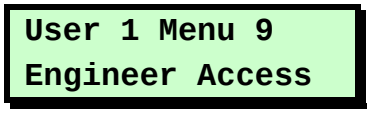
2. Use the numeric keys to select the wards you want to enable for silent setting, then press ENT. Any ward numbers shown are enabled for silent setting. (A "*" indicates that the ward will not be silent set, and "." Indicates that you have no access to the ward.

Option 1-9: Configuring Engineer Access

This option enables you to define a period during which an engineer can log into the alarm system. Once the period has expired, the engineer can continue working if logged in but will not be able to log in again.

The period starts from the time you set it and can be four hours or five minutes. You can terminate the period at any point.

☞ The default setting is Infinite.



1. Press ENT to select this option.

2. Use ⬆ or ⬇, or press a hot key (1 to 4), to select the required option, then press ENT.

   If you select **4 Hour Window** or **5 Min Window**, the engineer will be able to log in at any time within a 4-hour/5-minute period from now. Selecting **Infinite** allows the engineer access at any time.

   Selecting **Close Window** terminates any period currently running.

Option 1-0: Accessing the Set/Unset Menu

The set/unset menu is displayed whenever you enter your user code or present your proximity tag. This option enables you to access this menu from User Menu 1.

The Set/Unset Menu has several options, but only relevant ones are shown, e.g. if all wards are unset, the option to unset wards is not shown.

For information about setting, unsetting and resetting the system, refer to the *User's Guide*.

Options in User Menu 2

Option 2-1: Viewing Zones

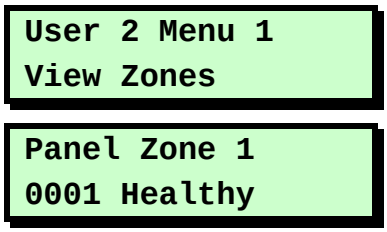
This option enables you to view the status of each zone, which may be:

Healthy The normal status of a zone (e.g. a door is closed or a detector inactive).

Active The alarm status of a zone (e.g. a door is open or a detector is triggered).

Tamper The interference status of a zone (e.g. a cable has been cut or a cover has been removed from a detector).

Shorted The short-circuit status of a zone (e.g. a cable has been shorted or damaged).



1. Press ENT to select this option.

2. Press ↑ or ↓ to scroll to the zone you want to view, or enter the zone's four-digit number. See page 41 for details of zone numbering.

   ☞ You can press ( ) to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.

3. Press ESC to return to User Menu 2.

Option 2-2: Setting the Time and Date

This option enables you to set the system time and date.

☞ The system automatically advances/retards the time by one hour at 2am on the standard summer/winter changeover dates.

```
User 2 Menu 2
Time and Date
```

1. Press ENT to select this option.

```
Time and Date   1
Set Time
```

2. Use ↑ or ↓, or press a hot key (1 or 2) to select **Set Time** or **Set Date**, then press ENT.

```
Enter new time:-
     11:44
```

3. If you need to change the date/time:
   - For the current time, enter four digits (hhmm), e.g. 1810 for 6:10pm.
   - For the current date, enter six digits (ddmmyy), e.g. 181005 for 18th October 2005.
4. Press ENT to accept the displayed date/time, or ESC to exit without saving.

Option 2-3: Setting Up Shunt Groups

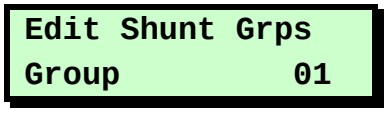
Shunt groups provide a simple way to isolate zones until further notice. Each shunt group can contain up to eight zones, and each group can be allocated to a "Shunt" user code. When the code is first entered, the zones are isolated. When the code is entered again, they are reinstated.

Although 24-hour zones are most commonly isolated, any zone can be assigned to a shunt group.

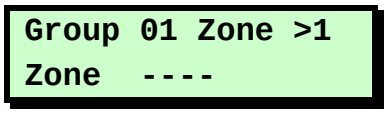
☞ Any zone selected must have the Shuntable attribute set in Engineer option 1-1.

☞ Entering a shunt code to reinstate zones may start the exit timer, depending on whether Unshunt, No Exit or Unshunt & Exit is selected (Engineer option 1-9-1).

1. Press ENT to select this option.



2. Select the shunt group by using ⬆ or ⬇, or by entering the group number (01 to 10), then press ENT.



3. The first zone assigned to the group is displayed. This is indicated by ">1" in the top-right corner. The bottom line indicates the zone number, or "----" if a zone number has not yet been specified. (See page 41 for details of zone numbering.)

You can view any of the eight possible zones assigned to the group by using ⬆ or ⬇, or pressing the hot key (1 to 8).

```
Group 01 Zone >1
Zone >----
```

4. Press ENT if you want to edit the zone number. You will see that the bottom line contains a ">" to indicate that you are in edit mode.

5. After entering the zone number, press ENT to save changes. Alternatively, press ESC to exit without saving.

6. Now you can do one of the following:
   - Continue from step 3 to specify more zones in the shunt group.
   - Press ESC to return to step 2, which allows you to set up another shunt group.
   - Press ESC twice to exit from the option.

Option 2-4: Setting Up User Codes

This option allows you to define users to operate the alarm system. When setting up a user, you need to specify:

- A user code. This is the code that the user enters at keypads (e.g. to set or unset the system).
- A user type (e.g. Manager). This determines, for example, the range of user options the person can access (see the next section).

  The user's access to menu options is initially determined by the user type selected, but can be customised, if required (see page 24).

- The wards the user is assigned to. Users can set, unset and reset only the wards assigned to them.
- Whether certain wards set or unset automatically during the set/unset procedure.

About the User Types

The following user types are available.

Manager

Users of this type have access to all user menus and options. They can set and unset assigned wards from any keypad.

By default, user 001 is set up as a manager, with a default user code of 5678.

Standard Global

Users of this type have access to User Menu 1, options 0, 1, 2, 3, 4, 5, 8 and 9.

They can set and unset assigned wards from any keypad.

Standard Ward Users of this type have access to User Menu 1, options 0, 1, 2, 3, 4, 5, 8 and 9. They can only set and unset assigned wards from a keypad assigned to the wards being set or unset, e.g. if a user is assigned to wards 1 and 2, and uses a keypad assigned to ward 2 only, the user can set or unset ward 2 only.

Prox Tag User Users of this type present a proximity tag to the keypad instead of entering a user code. They have access to User Menu 1, options 0, 1, 2, 3, 4, 5 and 8. They can set and unset assigned wards from any keypad. When unsetting, all associated wards are unset and the keypad displays no options.

Reset Only Users of this type have access to User Menu 1, options 1, 2, 3, 4, 5, 8 and 9. They can reset 24-hour alarms from any keypad.

Panic Code Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type generates a Panic Alarm and activates a full alarm (causing internal and external sounders and strobe lights to operate).

Duress Code Users of this type have the same abilities as a standard global user but, when the user code is entered, silent "Duress" and "Panic" alarms are generated, which could be sent to an alarm receiving centre. This enables

the user to appear to operate the alarm system normally if being coerced.

☞ To set up a Duress code, the Duress Allow setting in Engineer option 1-9-1 must be set to YES.

Access Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type temporarily activates outputs of type "Code Accepted" or "Access Code", which could be used to operate electric door strikes or similar mechanisms.

Shunt Users of this type have no access to user menus and cannot set or unset the system. Entering a user code of this type isolates the zones in the shunt group(s) to which it is assigned. Entering the code again reinstates the zones. See page 17 for details of shunt groups.

Set Only Users of this type have no access to user menus. They can set assigned wards but cannot unset them.

Not in use This user type has no rights. Select this type to delete an existing user.

Option 2-4-1: Configuring the User Codes

This option enables you to set up or modify users. For each user, you specify information such as the user type and the wards the user has access to.

```
User 2 Menu 4
Edit Codes
```

1. Press ENT to select this option.

```
User Codes     1
Code
```

2. Press [ENT] to select **Code**.

```
Define new users
User no. 05
```

3. The lowest available user number is displayed. You can press [ENT] to select this user. Alternatively, you can select a different user by entering a number or by using [↑] or [↓].

   ☞ Pressing [( )] shows the number of users currently set up. Press any key to return to the previous display.

```
Prox Tag or Code
      ----
```

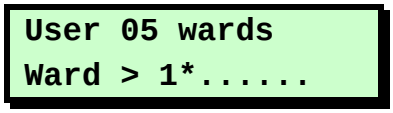
4. Enter a four-digit user code, then press [ENT], or present the proximity tag to be given to the user.

   Pressing x without entering a code maintains the previously-chosen code.

   ☞ If you see "NOT ACCEPTED try a different code", this usually means that the code is already in use. Press [( )] and try again with a different code.

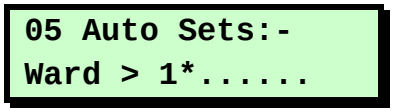
```
User 05 is type
Not in use
```

5. Use [↑] or [↓] or press a hot key ([0] to [9]) to select the user type (page 19), then press [ENT].

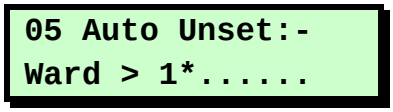


6. Use the numeric keys to select the wards you want the user to have access to, then press ENT. Any ward numbers shown will be allocated to the user. (A "*" indicates that the ward will not be allocated, and "." Indicates that you have no access to the ward.)

   ☞ If the Local Setting option is selected in Engineer option 1-9-1, a user can set a ward only if the keypad is assigned to that ward.



7. Choose the wards that should auto-set, then press ENT. The wards you choose at this prompt are automatically selected when the user sets the alarm system. This means that the user will not have to choose the wards when setting the system.



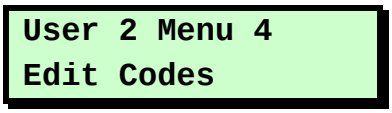
8. Choose the wards that should auto-unset, then press ENT. The wards you choose at this prompt are automatically selected when the user unsets the alarm system. This means that the user will not have to choose the wards when unsetting the system.

   This option is not relevant for Prox Tag users, since when unsetting, all associated wards are unset.

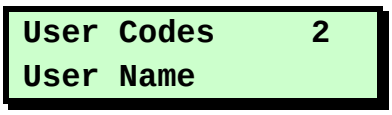
9. Continue from step 3, or press ESC to exit.

Option 2-4-2: Defining User Names

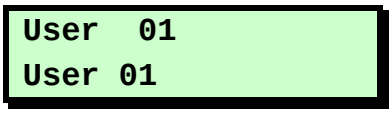
This option enables you to specify a name for each user. When viewing the event log (page 31), pressing ( ) toggles between displaying user number and user name for appropriate log entries.



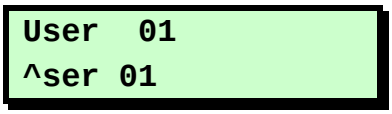
1. Press ENT to select this option.



2. Use ↑ or ↓ or press 2 to select **User Names**, then press ENT.



3. Select the user by using ↑ or ↓ or by entering the user number, then press ENT.

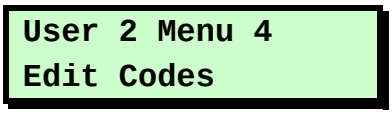


4. Use the text editing keys (page 40) to edit the user name, then press ENT.

5. Press ESC to exit.

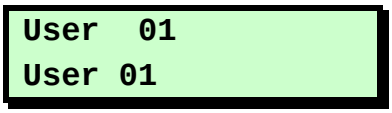
Option 2-4-3: Customising Access to Menu Options

Access to options is initially determined by user type but individual users can be granted or denied access using the Customise Menus option.

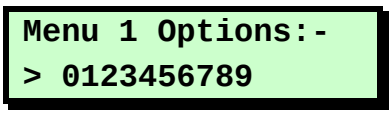


1. Press ENT to select this option.

2. Use ↑ or ↓ or press 3 to select **Customise Menus**, then press ENT.



3. Select the user by using ↑ or ↓ or by entering the user number, then press ENT.



4. Select the User Menu 1 options to which the user should have access, then press

ENT. Pressing 0 to 9 selects (option number displayed) and deselects ("*" displayed) options. The options are:

0 = Set/Unset Menu
1 = Test Menu
2 = Omit Zones
3 = Shunt 24hr Zones
4 = Change Code
5 = Enable Chime
6 = Volume Control
7 = Customise Text
8 = Silent Set Wards
9 = Engineer Access

```
Menu 2 Options:-
> 0123456789
```

5. Select the User Menu 2 options to which the user should have access, then press ENT.

   0 Timers
   1 View Zones
   2 Time and Date
   3 Edit Shunts
   4 Edit Codes
   5 Edit Chime Zones
   6 Communications
   7 Configure Wards
   8 Edit Groups
   9 Log

6. Press ESC twice to exit.

Option 2-5: Setting Up Chime Zones

This option enables you to select which zones generate a chime if activated when unset, or to switch chimes off. The chime occurs only at keypads and extension loudspeakers assigned to the same ward(s) as the zone. Chimes must be enabled in User option 1-5.

When a chime occurs, keypads display the zone number if configured by the Chime Visible setting in Engineer option 1-9-1.

```
User 2 Menu 5
Edit Chime Zones
```

1. Press ENT to select this option.

```
Chime Zone:
0001  Disabled
```

2. Select the zone by using ↑ or ↓, or by entering the zone's four-digit number, then press ENT. See page 41 for details of zone numbering.

   ☞ You can press ↻ to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.

```
Chime Zone:
0001 >Disabled
```

3. Use ↑ or ↓, or press a hot key (0 to 3) to select the required chime (or "Disabled"), then press ENT.

   Chime 1 is a single two-tone sound, chime 2 is a double two-tone sound and chime 3 is a triple two-tone sound.

4. Repeat from step 2 to select another zone, or press ESC to exit.

Option 2-6: Using Communications

Option 2-6-1: Starting a Call Back

You can use this option to initiate a connection over the telephone line to a remote site that is running the Downloader software. Once the communication link is established, the remote site can upload data and change settings in the control panel. The link continues until the remote site disconnects it.

☞ Select this option only if requested by your alarm company.

☞ Your alarm company may be able to initiate the link, depending on the Access Mode (Engineer option 2-5-1-3).

```
User 2 Menu 6
Communications
```

1. Press ENT to select this option.

```
Communication  1
Start Call Back
```

2. Press ENT to select **Start Call Back**.

```
Call Back No.  1
08700543678
```

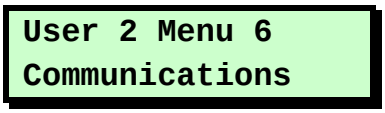
3. Use ⬆ or ⬇, or press a hot key (1 to 4) to select the number to call (as defined in User option 2-6-2), then press ENT to begin the call.

```
Calling On :   1
Hit ESC to abort
```

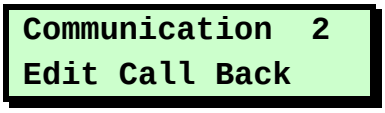
4. If the connection is established successfully, the system automatically returns to its original state. If the connection is not established successfully, press ESC to abandon the call.

Option 2-6-2: Editing the Call-Back Numbers

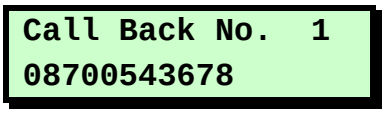
This option allows you to define or edit up to four telephone numbers for communication with a PC running the Downloader software.



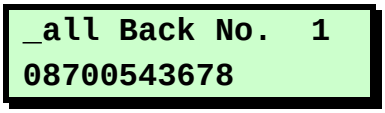
1. Press ENT to select this option.



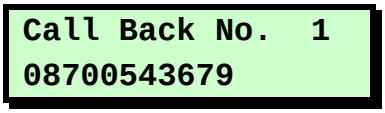
2. Press ENT to select **Edit Call Back**.



3. Use ⬆ or ⬇, or press a hot key (1 to 4) to select the number to edit, then press ENT.



4. Enter the telephone number, then press ENT.

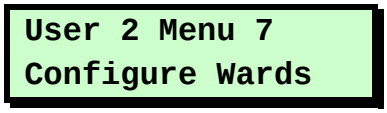


5. Press ESC to exit.

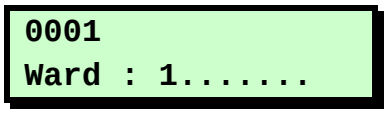
Option 2-7: Assigning Zones to Wards

The assignment of zones to wards is usually carried out by your alarm company. Change these assignments only if you have detailed knowledge of your alarm system and the way that wards are used in it.

☞ You can assign zones only to wards assigned to your user code.

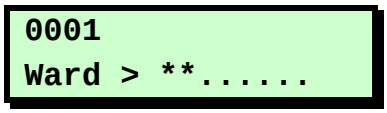


1. Press ENT to select this option.



2. Press ⬆ or ⬇ to scroll to the zone, or enter the zone's four-digit number, then press ENT. See page 41 for details of zone numbering.

   ☞ You can press ( ) to choose the zone on the next network. However, if you keep scrolling, you will reach all zones anyway.



3. Use the numeric keys to select the zone's wards, then press ENT. The ward is selected if its number is displayed. (A "*" indicates that the ward is not selected, and "." Indicates that you have no access to the ward.)

4. Continue from step 2 to select another zone, or press ESC to exit.

Option 2-8: Setting Up Ward Groups

This option enables you to allocate wards to groups, which you can then set or unset with a single operation (as described in the *User's Guide*).

☞ You can select only those wards that are assigned to your user code.

☞ You can name each ward group using User option 1-7 (page 11).

1. Press ENT to select this option.

2. Use ↑ or ↓, or press a hot key (e.g. 4) to select the ward group to edit, then press ENT.

3. Use the numeric keys to select the wards to assign to the group, then press ENT. Any ward numbers shown are assigned to the group. (A "*" indicates that the ward will not be assigned, and "." Indicates that you have no access to the ward.)

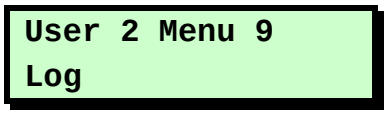
4. Continue from step 2 to select another ward group, or press ESC to exit.

Option 2-9: Using the Log

Option 2-9-1: Viewing the Log

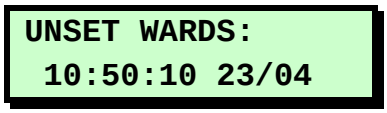
This option enables you view the contents of the system log. The log contains the date and time of system events, such as wards being unset, zones omitted, duress code activations and communications problems. For more information about the event codes displayed, see page 42.

The number of events recorded in the log is model specific.



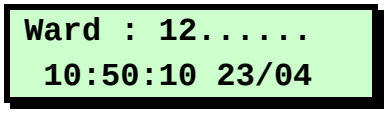
1. Press ENT to select this option.

2. Press ENT to select **View Log**.



3. Press ↑ or ↓ to scroll through the events (↑ displays earlier events). To move to the next event of a given type, press:

1	Alarms	6	User codes
2	24 Hour Alarms	7	Set Wards
3	Fire Alarms	8	UnSet Wards
4	PA Alarms	9	Entry
5	Tampers		



4. If appropriate, press ( ) to display further details of the event. Pressing 0 allows you to view events from a specified offset (position) in the log.

5. Press ESC to exit.

Option 2-9-2: Printing the Log

If a printer is connected to the control unit, you can print some or all of the events recorded in the log.

```
User 2 Menu 9
Log
```

1. Press ENT to select this option.

```
Log Functions  2
Print Log
```

2. Use ⬆ or ⬇, or press 2 to select **Print Log**, then press ENT.

```
How many events?
      0030
```

3. Choose the number of events to print by using ⬆ or ⬇, or by entering the four-digit value, then press ENT.

```
With offset of:-
      0030
```

4. Specify an offset by using ⬆ or ⬇, or by entering the four-digit value, then press ENT. If, for example, you choose to print 10 events and an offset of 50, the system will print events 50-59 (with event number 1 being the most recent).

☞ There may be more than one printed line per log event.

If you want to stop the current print job, re-print the log, specifying zero events to print.

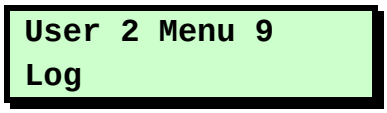
Once you have used the **Print Log** option, the system goes into online printing mode, where every action is immediately printed. Switch off the printer to stop all printing.

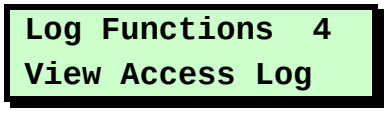
Option 2-9-3: Running a System Print

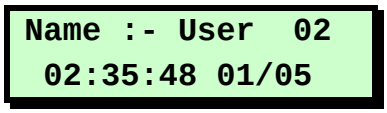
For engineer use only.

Option 2-9-4: Viewing the Access Log

You can use this option to view the content of the access log, which stores every use of a user code of type Access (which is used to open doors).







1. Press ENT to select this option.
2. Use ⬆ or ⬇, or press 4 to select **View Access Log**, then press ENT.
3. Use ⬆ or ⬇ to scroll through the events (⬆ displays earlier events).
4. Press ESC to exit.

Option 2-0: Setting Up Timers

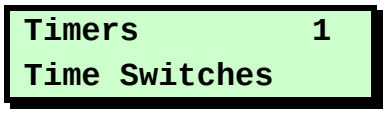
Option 2-0-1: Setting Up Time Switches

This option enables you to define up to three time switches, which can be used to switch outputs of the alarm system on or off at selected times. The outputs may, for example, control internal or external lighting or other electrical equipment.

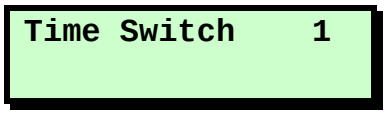
You can define each time switch to have up to three pairs of switch on/off times. You can also choose the days of the week that each of these operate.

The outputs controlled by the time switches are specified in Engineer option 1-4.

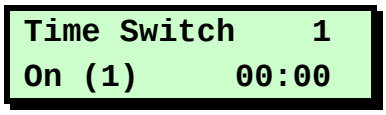
1. Press ENT to select this option.



2. Press ENT to select **Time Switches**.



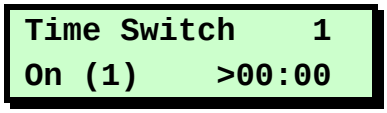
3. Use ↑ or ↓, or press a hot key (e.g. 4) to select the time switch to edit, then press ENT.



4. Use ↑ or ↓, or press a hot key (1 to 9) to select the on/off time or days of operation to edit, then press ENT.

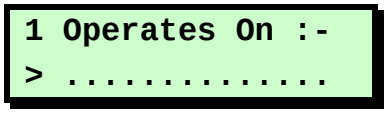
   Each time switch has three pairs of switch on/off times. For each of these, you will notice that there is an option to specify the on time, one to specify the off time and another to specify the days of operation.

☞ You can manually override a time switch by pressing [0], then pressing [( )] to toggle its current status.



5. You will see a screen similar to the one shown opposite if you have chosen to edit an on/off time. The number in brackets indicates whether it is in the first, second or third pair of on/off times.

   Enter the time in 24-hour format, (e.g. [2][1][0][0] for 9:00pm), then press [ENT]. Continue from step 4 or press [ESC] to exit.



6. You will see a screen similar to the one shown opposite if you have chosen to edit the days of operation. The number in the top-left corner indicates whether it is associated with the first, second or third pair of on/off times.

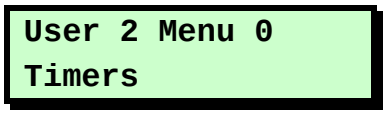
   Press [1] to [7] to toggle days on/off, then press [ENT]. Continue from step 4 or press [ESC] to exit.

Option [2]-[0]-[2]: Setting Up Auto-Set Timers

This option enables you to define up to three auto-sets timers. Each is associated with one or more wards, which automatically set and unset at the specified times.

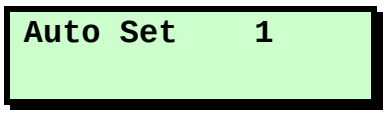
You can define each auto-set timer to have up to three pairs of switch on (set) and off (unset) times. You can also choose the days of the week that each of these operate.

☞ Keypad sounders operate one minute before a ward auto-sets. Entering a user code defers setting for the period specified by the Defer Setting option in Engineer 1-5-2.

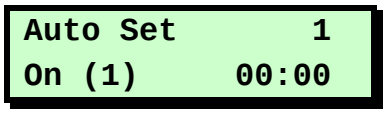


1. Press ENT to select this option.

2. Use ⬆ or ⬇, or press 2 to select **Auto-Sets**, then press ENT.



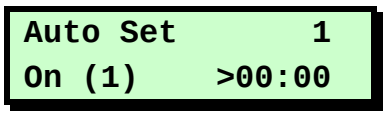
3. Use ⬆ or ⬇, or press a hot key (1 to 3) to select the auto-set timer to edit, then press ENT.



4. Use ⬆ or ⬇, or press a hot key (1 to 9) to select the on/off time or days of operation to edit, then press ENT.

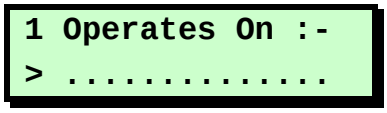
   Each auto-set timer has three pairs of on/off times. For each of these, you will notice that there is an option to specify the on (set) time, one to specify the off (unset) time and another to specify the days of operation.

   ☞ You can manually override an auto-set timer by pressing 0, then ↻ to toggle its current status.



5. You will see a screen similar to the one shown opposite if you have chosen to edit an on/off time. The number in brackets indicates whether it is in the first, second or third pair of on/off times.

Enter the time in 24-hour format, (e.g. 2 1 0 0 for 9:00pm), then press ENT. Continue from step 7.



6. You will see a screen similar to the one shown opposite if you have chosen to edit the days of operation. The number in the top-left corner indicates whether it is associated with the first, second or third pair of on/off times.

   Press 1 to 7 to toggle days on/off, then press ENT.

7. Press ( ), use the numeric keys to select the wards to assign to the auto-set timer, then press ENT. Any ward numbers shown are assigned. (A "*" indicates that the ward will not be assigned, and "." Indicates that you have no access to the ward.)

   Continue from step 4 or press ESC to exit.

Option 2-0-3: Setting Up Code-Locks Timers

This option enables you to define up to three code-lock timers, each of which is associated with up to ten users. The timer prevents the system from accepting the users' user codes at specified times.

You can define each code lock to have up to three pairs of switch on (codes not accepted) and off (codes accepted) times. You can also choose the days of the week that each of these operate.

If a user enters his/her user code while the code-lock timer is on, the display shows "Sorry. Your code is locked out".

```
User 2 Menu 0
Timers
```

1. Press [ENT] to select this option.

```
Timers          3
Code Locks
```

2. Use [↑] or [↓], or press [3] to select **Code Locks**, then press [ENT].

```
Code Lock       1
```

3. Use [↑] or [↓], or press a hot key ([1] to [3]) to select the code-lock timer to edit, then press [ENT].

```
Codelock Group 1
On (1)     00:00
```

4. Use [↑] or [↓], or press a hot key ([1] to [9]) to select the on/off time or days of operation to edit, then press [ENT].

   Each code-lock timer has three pairs of on/off times. For each, you will notice that there is an option to specify the on (codes not accepted) time, one to specify the off (codes accepted) time and one to specify days of operation.

☞ You can override a timer by pressing [0], then [↻] to toggle its status.

```
Codelock Group 1
On (1)    >00:00
```

5. You will see a screen similar to the one shown opposite if you have chosen to edit an on/off time. The number in brackets indicates whether it is in the first, second or third pair of on/off times.

   Enter the time in 24-hour format, (e.g. [2][1][0][0] for 9:00pm), then press [ENT]. Continue from step 7.

```
Codelock Group 1
On (1)    >00:00
```

5. You will see a screen similar to the one shown opposite if you have chosen to edit an on/off time. The number in brackets indicates whether it is in the first, second or third pair of on/off times.

   Enter the time in 24-hour format, (e.g. 2 1 0 0 for 9:00pm), then press ENT. Continue from step 7.

```
1 Operates On :-
> ..............
```

6. You will see a screen similar to the one shown opposite if you have chosen to edit the days of operation. The number in the top-left corner indicates whether it is associated with the first, second or third pair of on/off times.

   Press 1 to 7 to toggle days on/off, then press ENT.

```
Lock 1   User>03
 99  Not used
```

7. Press (), then use ↑ or ↓ (or enter a two-digit number) to select which of the ten user "slots" to edit, then press ENT. The number shown in the top-right corner shows which of the ten you are editing.

   Select the user by entering his/her user number (or use ↑ or ↓ to scroll), then press ENT.

   You can now:

   - Continue with step 7 to specify other users as necessary.
   - Press ESC and continue from step 4.
   - Press ESC twice to exit.

Text Keys

The following table shows how to obtain characters when entering text at the keypad, For example, press [2] twice to obtain the "b" character.

Once you have chosen the character you require, press [⬆] to move the cursor to the right to edit the next character. The [⬇] key moves the cursor to the left.

Note: When you reach the end of the character sequence, the next press of the same key takes you back to the beginning of the sequence. For example, the eighth press of the [2] key displays the "a" character.

Key	Characters Generated (in Sequence)									
[1]	.	,	?	!	1	@	"	-	&	'
[2]	a	b	c	2	A	B	C			
[3]	d	e	f	3	D	E	F			
[4]	g	h	i	4	G	H	I			
[5]	j	k	l	5	J	K	L			
[6]	m	n	o	6	M	N	O			
[7]	p	q	r	s	7	P	Q	R	S	
[8]	t	u	v	8	T	U	V			
[9]	w	x	y	z	9	W	X	Y	Z	
[0]	<sp>	0	,	#	*					

☞ Note: <sp> represents the space character.

Zone Numbering

Each zone has a unique 4-digit number. The meaning of the number is as follows:

For all zones except those using iD Plus biscuits (on an M800iD Plus):

- The first digit is the network number. This is the network number of the device that the zone is connected to (0 for zones connected to the control unit PCB). The number of available networks depends on the type of control unit.
- The next two digits specify the device address that the zone is connected to (00 for zones connected to the control unit PCB). For devices such as keypads, the device address is determined by a link on the device PCB.

  ☞ The first eight zones on an ID Node have device address 01, the next eight have device address 02, etc.

- The final digit specifies the zone number on the selected device.

Example: 2031 is (reading right to left): zone 1 of device address 03 connected to network 2.

For zones using iD Plus biscuits (on an M800iD Plus):

- The first digit is always "2" (represents an imaginary network number of 2).
- The next three digits specify the zone number.

Only valid zone numbers are displayed as you scroll. For example, if you are programming an M1000, the next number displayed after 0008 (panel zone 8) is 1011 (network 1, device 01, zone 1).

Log Events

Event	Description
—- NO EVENT —-	No event
#### ACTIVATED	Monitored zone activated
#,## LEC LOST	Network #, device No. ## is a LEC that has been removed
### LEC or REM'S	The number of LEC or REM's logged on to system after a re-learn
#,## NODE ADDED	Network #, device No. ## is a TS900 Node that has been added to the system
#,## NODE LOST	Network #, device No. ## is a TS900 Node that has been removed
### NODE'S	The number of TS900 Nodes logged on to the system after a re-learn
### XNODE'S	The number of XNodes logged on to the system after a re-learn
#### OFF TEST	Zone number #### taken off test
#### OMITTED	Zone number #### omitted
#### REINSTATED	Zone number #### reinstated
#,## REM ADDED	Network #, device No. ## is a remote keypad that has been added to the system
#,## REM LOST	Network #, device No. ## is a remote keypad that has been removed
#### SHUNTED	Zone number #### shunted
#,## XNODE ADDED	Network #, device No. ## is a XNode that has been added to the system
#,## XNODE LOST	Network #, device No. ## is a XNode that has been removed
24Hr ALARM ####	24hr alarm from zone number ####
24Hr OMITTED:	Shunted 24Hr zones omitted in wards
24Hr REINSTATED:	Shunted 24Hr zones reinstated in wards
24Hr WARDS:-	24hr Alarm on wards
ABORT ON WARDS:-	Alarm aborted on wards
ABORTED ERRORS	Remote service errors
ACCESS ###	User code ### entered.
ACCESS FAILED	Access failed due to code lock in operation

ALARM ####	Alarm from zone number ####
ALARM WARDS:-	Alarm in wards
AUTOSET # OFF	Autoset timer off
AUTOSET # ON	Autoset timer on
AUXILIARY ####	Technical alarm from zone number ####
AUXILIARY # TAMP	Auxiliary 1 or 2 tamper
AUXILIARY FUSE	Auxiliary Fuse failed
BATTERY FAULT	Battery disconnected or voltage level below 9.5V
BATTERY RESTORE	Battery restored to healthy condition
BEAM PAIR ####	First activation of a beam pair zone number ####
BELL BOX TAMPER	External sounder/bell tamper
BELL TESTED:-	Bell tested for wards
BELLS ACTIVE:-	Bell active for wards
CALL ABORTED	Remote service call aborted
CALLED No. #	Remote service call initiated via panel to remote PC 1, 2 or 3
CALLING BACK No. #	Remote service call requested via PC to "Call back No" 1, 2 or 3
CCT ON TEST ####	Zone number #### put on test
CCT TESTED ####	Zone number #### tested during walk test routine
CCTS REINSTATED	Zones reinstated with a shunt code
ZONES SHUNTED	Zones shunted with a shunt code
CODE LOCK # OFF	Code lock number # is off
CODE LOCK # ON	Code lock number # is on
CODE LOCKED ###	User number ### attempted to use their code while locked-out
CODE TAMPER	Keypad locked out for 5 minutes due to invalid entry of code
COMMS FAILED	Plug-on digicom failed to communicate with ARC
COMMS SUCCESSFUL	Plug-on digicom communicated successfully with the ARC
DATE CHANGED	System date changed
DEFAULT USER ###	User 001 defaulted to 5678
DEFERRED SET:-	Deferred set on wards
DIGI-COM FITTED	Plug-on digicom fitted
DIGI/MODEM LOST	Plug-on digicom or modem removed
DIGI/MODEM RESET	Plug-on digi-modem reset
DURESS CODE ###	Duress alarm from user number ###

ENGINEER ARRIVES	Engineer is logged on the system
ENGINEER DEPARTS	Engineer is logged off the system
ENTRY ####	Entry mode started from zone number ####
ENTRY TIME-OUT:-	Entry mode timed out for wards
ENTRY WARDS:-	Entry on wards
EXIT CANCELLED:-	Exit mode cancelled for wards
EXIT STARTED:-	Exit mode started for wards
FACTORY RESTART	Factory default loaded
FIRE ALARM ####	Fire alarm from zone number ####
FIRE WARDS:-	Fire alarm on wards
FIRST KNOCK ####	First activation of zone number #### (zone with Double-Knock attribute)
From Remote #,##	Quick set perform from remote keypad (# = Network, ## =device No)
Hi Security SET:	Wards A–P set using "High Security" feature
LEC #,## TAMPER	Network #, LEC number ## lid tamper alarm
LINE RESTORE	Telephone line restored to healthy
LINK ESTABLISHED	Remote link via PC established
MAINS POWER OFF	Mains power removed from control unit
MAINS POWER ON	Mains power applied to control unit
MENU TIMEOUT ###	User number ### entered their code and did not selected any functions
MODEM FITTED	Plug-on digi-modem fitted
MODEM LOCK-OUT	Modem locked-out (4 failed attempts made via Lineload)
NODE ### R# ADD	Remote keypad added to XNode
NODE ### R# LOST	Remote keypad removed from XNode
NODE ### R# TAMP	Remote keypad lid tamper from remote on XNode
ON-LINE ENDED	Remote service call ended (PC and Lineload)
ON-LINE TO No.#	On-line to remote PC
ON-SITE RESTART	On-site restart
NODE #,## FUSE	TS900 Node fuse failed
NODE #,## TAMPER	TS900 Node lid tamper
NODE SHUNT ####	Zones shunted on a Node
PA ALARM ####	PA Alarm from zone number ####
P.A CODE ###	PA code from user number ###
PA WARDS:-	PA alarm on wards
PANEL LID TAMPER	Control unit lid tamper

PASSCODE ###	User number ### entered their code
PAYMENT EXPIRED	System payment timer has expired
PC CONNECTED	PC connected to control unit (PCI/DCI)
PC DISCONNECTED	PC disconnected from control unit (PCI/DCI)
PHONE LINE FAULT	Telephone line fault detected
QUICK SET KEY #	Quick set key A, B or C activated
Q.SET ABORTED	Quick set key aborted
REARM ON WARDS:-	Wards re-armed
REINSTATED WARDS	Wards reinstated
REM #,## TAMPER	Remote keypad lid tamper
REM RESET ACTIVE	Remote reset via the REM RESET input terminal (RedCARE)
REM RESET FAILED	Remote Reset failed

System Records

General System Details

	Wards							
	1	2	3	4	5	6	7	8
Entry Time								
Exit Time								
Setting Mode								
Bell Delay								
Bell Duration								

	Wards							
Entry Time								
Exit Time								
Setting Mode								
Bell Delay								
Bell Duration								

Shunted 24hr Zones	
Wards	Description

Remote Servicing (Downloading)		
Site	Telephone No	Details
1		
2		
3		
User Authorised Y/N		

Ward Groups					
Group	Name	Wards	Group	Name	Wards
1			6		
2			7		
3			8		
4			9		
5			0		

Shunt Groups								
Group	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8

Time Switch 1									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									

Time Switch 2									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									

Time Switch 3									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									

Auto-Set Timer 1									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Wards:									

Auto-Set Timer 2									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Wards:									

Auto-Set Timer 3									
Timer	Set at	Unset at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Set Wards:									

Code Lock Timer									
Timer	On at	Off at	Mon	Tue	Wed	Thu	Fri	Sat	Sun
1									
2									
3									
Users:									

User Details

No.	Name	Type	Wards	Auto-set	Auto-Unset
1		Manager			

Zone Details

Zone No.	Location	Chime Y/N	Wards

Service Record

Date	Engineer	Action

Installer Information

Installation Engineer: _____

Installation Company: _____

Address: _____

_____

_____

_____

Telephone Number: _____

Reset Message: _____

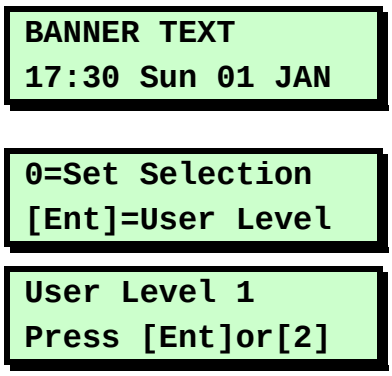
_____

Alarm Receiving Centre: _____

Telephone Number: _____

Remote Reset Message: _____

Quick Reference



1. At the keypad, enter your user code or present your proximity tag.
2. Press ENT to access the user menus.
3. Press ⬆ or ⬇ to display user menu 1 or 2, then ENT to select that menu.

User Menu 1

User 1 Menu 1 Test Menu	Page 4
User 1 Menu 2 Omit Zones	Page 6
User 1 Menu 3 Shunt 24hr Zones	Page 7
User 1 Menu 4 Change Code	Page 8
User 1 Menu 5 Enable Chime	Page 9
User 1 Menu 6 Volume Control	Page 10
User 1 Menu 7 Customise Text	Page 11
User 1 Menu 8 Silent Set Wards	Page 12
User 1 Menu 9 Engineer Access	Page 13
User 1 Menu 0 Set/Unset Menu	Page 14

User Menu 2

User 2 Menu 1 View Zones	Page 15
User 2 Menu 2 Time and Date	Page 16
User 2 Menu 3 Edit Shunts	Page 17
User 2 Menu 4 Edit Codes	Page 19
User 2 Menu 5 Edit Chime Zones	Page 26
User 2 Menu 6 Communications	Page 27
User 2 Menu 7 Configure Wards	Page 29
User 2 Menu 8 Edit Groups	Page 30
User 2 Menu 9 Log	Page 31
User 2 Menu 0 Timers	Page 34